

RECEIVED  
DEC 6 1957

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 13N R. 52E

County. Prairie

34

WATER WELL LOG


Owner. N.P. Railway Co. Address. Fallon, Mont.

Driller. Geo. Askins Drilling Co. Address. Ismay, Mont.

Date Started. Dec. 7, 1954 Date Completed. Dec. 22, 1954

Location: Sec. 34 T. 13N R. 52E 1/4 sec. SE 1/4 SW 1/4

Type of well. Drilled Equipment used. Rotary  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 0 ft. to 40 ft. Type. XH WIP Size. 6"

Casing: 40 ft. to 170 ft. Type. XH WIP Size. 4"

Casing: 170 ft. to 750 ft. Type. XH WIP Size. 2"

Perforated or Screened: Ft. 645 to ft. 750 Ft. to ft.

Type of screen or perforations. Perforated. Longitudinal slits about 2-1/2' x 1/4" cut with welding torch. Staggered at 90° around pipe.

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: 31 lb./sq. in. on: Dec. 22, 1954 (date)

Pumping water level: \_\_\_\_\_ feet at 14 gal. per min. flowing

How tested: \_\_\_\_\_

Length of test: \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Lead packer between 1" and 2" casing. Casing cemented above packer.

Valve shut-off 6' down.

(over)

# Log of Well

Depth, feet		Description of Material Drilled		
From	To			
0	10	Top Soil.	From 500 To 589	Sandy Clay.
10	34	Sand and Gravel.	589 591	Rock.
34	36	Dark Clay.	591 606	Sandy Clay.
36	40	Coal.	606 640	Sand, water-bearing.
40	69	Dark Clay.	640 708	Sandy Clay.
69	71	Coal.	708 745	Sand, water-bearing.
71	75	Clay.	745 762	Sandy Clay.
75	78	Sandy Clay.		
78	80	Clay.		
80	83	Rock.		
83	185	Clay.		
185	194	Coal.		
194	195	Rock.		
195	220	Clay.		
220	303	Sandy Clay.		
303	346	Sand.		
346	347	Rock.		
347	390	Clay.		
390	393	Rock.		
393	451	Clay.		
451	452	Rock.		
452	464	Clay.		
464	465	Rock.		
465	497	Clay.		
497	500	Rock.		

File No. ....

T. 13N R. 52E

DUPLICATE

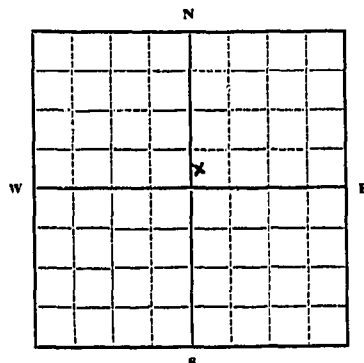
County. Prairie

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 15 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Co. of N.P. Section House Fallen  
(Name of Appropriator) (Address) (Town)  
County of Prairie State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 NE Sec. 34 T. 13N R. 52E

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based.....  
Domestic purposes

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been.....  
Dec. 22, 1954 to present

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute).....  
25 gallons per minute

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
None

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal.....  
Flowing well

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater.....  
Started Dec. 7, 1954 completed Dec. 22, 1954

8. The depth of water table.....  
Flowing well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater.....  
2 inch drilled well, 762 feet deep

10. The estimated amount of groundwater withdrawn each year.....  
200,000 gallons

11. The log of formations encountered in the drilling of each well if available.....  
see attached log 76

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record.....  
None

Signature of Owner [Signature]

Date Nov 8, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is  
located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau  
of Mines and Geology, and Quadruplicate for the Appropriator.

7073

RECEIVED  
85095

<b>FILED</b>	
at <u>1:55</u> o'clock <u>A</u> M.	
<u>NOV 14 1963</u>	
<u>[Signature]</u> County Clerk	
Fee <u>2.00</u>	<u>pd</u> Deputy

Mont 76  
Yellowstone Div  
3rd Sub Div  
11/8/57

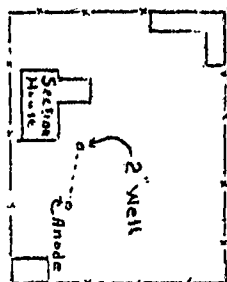
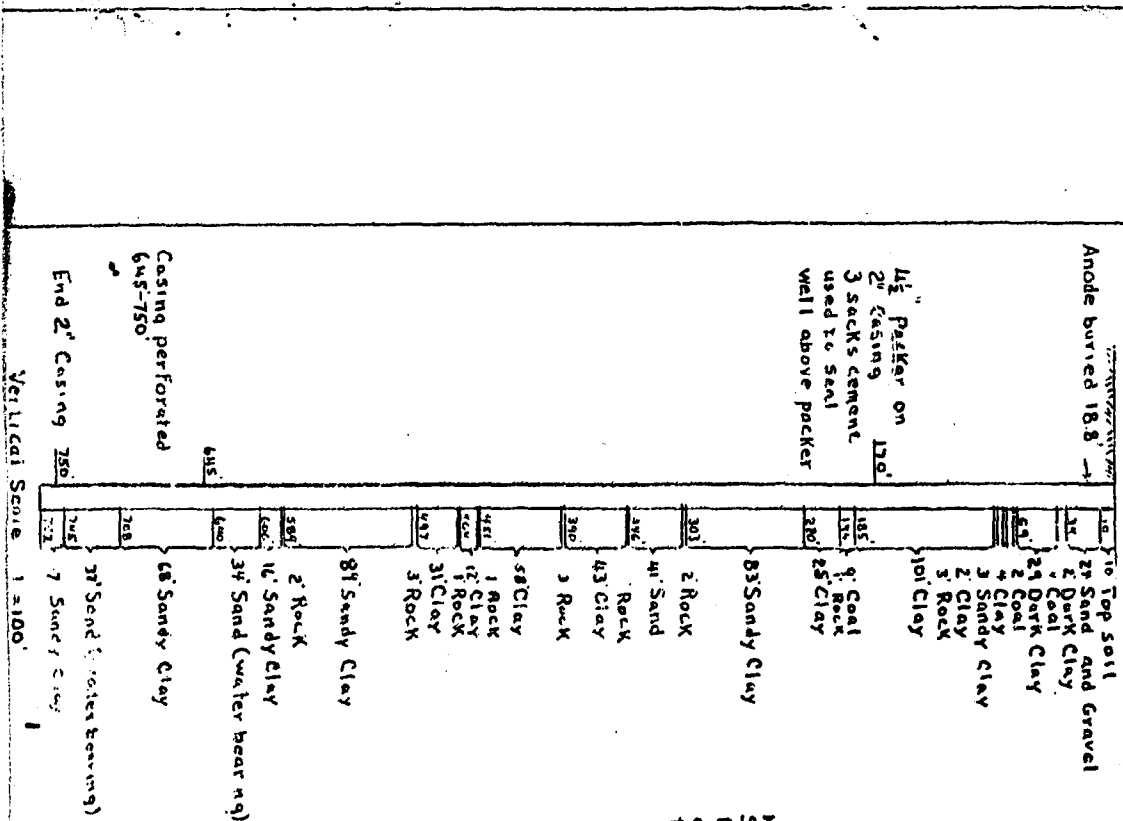
# FALLOON, MONT.

Section House Well AFE-97-54  
2 Well 762' Deep  
Drilled by Geo. Askins Drilling Co  
Work began 12/7/54 Completed 12/22/54

## WATER ANALYSIS 12/23/54

Calcium bicarbonate	0.5 g p.p.
Sodium Carbonate	7.2
Sodium bicarbonate	28.3
Sodium Sulfate	5.0
Sodium Chloride	1.7
Silica	0.66
Iron	0.2 p.p.m.
Fluoride	1.8
pH	8.3
Total Dissolved Solids	43.4 (Actual) g/l

Note:  
See Plan SF-1176  
for details of pit  
and piping at  
top of well



File No. \_\_\_\_\_

T. 13 R. 52

DUPLICATE

County Prarie

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 15 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Holland, Aris I + Riker, Bernard W.

(Name of Appropriator)

(Address)

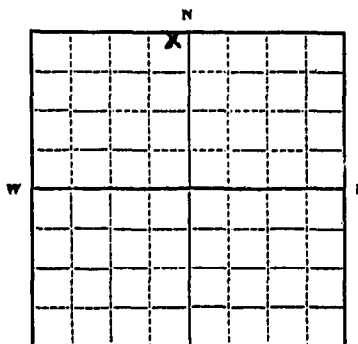
Fallon

(Town)

County of Prarie

State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 34 T. 13 R. 52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.

Household + stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.

June 15 - 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute).

70 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

Flowing well.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

Commenced June 11-1955 - completed June 15-1955

8. The depth of water table.

740 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

Drilled well - 2 in casing - 790 ft deep.

10. The estimated amount of groundwater withdrawn each year.

1,272,500 gallons

11. The log of formations encountered in the drilling of each well if available.

Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Feb. 14 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

84269

Water Well Log  
Bernard Raker +  
Omer S. Holland  
to  
The Rubbi

<b>FILED</b>	
at 2:35 o'clock P. M.	
FEB 14 1968	
County Clerk	
Fee 2.12	Deputy

File No. ....

DUPLICATE

T. 13<sup>N</sup> R. 52<sup>E</sup> S. 35

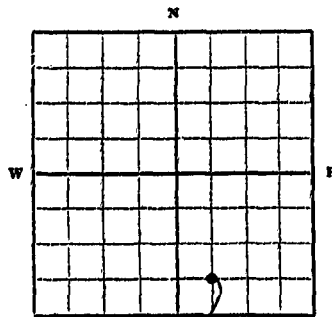
County. ....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 30 1963  
STATE ENGINEER

1. Harold V. Bradberg, of Fallon (Town)  
(Name of Appropriator) (Address)  
County of Fallon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 35 T. 13N R. 52E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Water supply for farm Unit 292

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since Nov. 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Flowing well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov. 1955

8. The depth of water table App. 700 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater App. 700 ft. deep, Artesian well, 1 1/2 inch pipe

10. The estimated amount of groundwater withdrawn each year App. 5,256,000 gallons

11. The log of formations encountered in the drilling of each well if available None

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner Harold V. Bradberg  
Date March 20, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

15622



85496

FILED	
at 11:00 o'clock A.M.	
DEC 30 1963	
<i>E. J. [Signature]</i>	
County Clerk	
Feb 20 1964	Deputy

File No. ....

DUPLICATE

T. 13<sup>N</sup> R. 52  
County Braintree

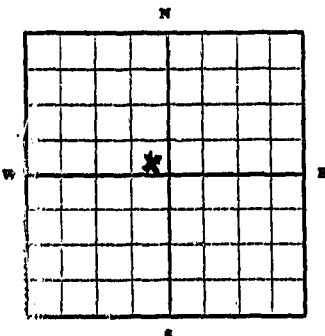
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 16 1963

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John Lapp, of Fallon  
(Name of Appropriator) (Address) (Town)  
County of Braintree State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 35 T. 13 R. 52

Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1953
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3.5 gals per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal House water - stock water
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Fall of 1953
8. The depth of water table 640 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1 well only
10. The estimated amount of groundwater withdrawn each year Enough for 300 head of stock
11. The log of formations encountered in the drilling of each well if available Do not have this log at this time.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Date

John Lapp  
Dec 12/1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

9396

RECEIVED

85310

<b>FILED</b>	
at 10:30 o'clock A.M.	
DEC 13 1963	
<i>William C. Johnston</i> County Clerk	
<i>Glenn C. Johnston</i> Deputy	
Fee	2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner John Lapp

Address Ellen, Montana

Date well started 11/29/72

completed 11/24/72

Type of well Drilled

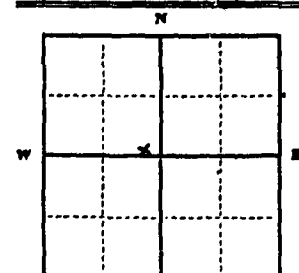
Equipment used Rotary

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe  
USE: If used for Irrigation, Industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 1/2"	6" ID 18.97#	0	45	N O N E		
5 5/8"		45	255			
4 1/2"		255	870			
	2" ID 3.7#	0	870	Holes 3/8"	740	780
					810	870



SE 1/4 NW 1/4 Sec. 35  
T. 13 N. R. 5 E. S. 2

Static water level Flow ft.  
Pumping water level 73 ft.  
at 73 gallons per minute,  
measured 48 hours after flow  
began.  
\*Measured from ground level.  
Well developed by open flow  
for 48 hours.  
Power          Pump          HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)  
Packers set at 618'  
639' & 660'. Well  
cemented with 60 sacks  
of cement.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Joe Jean Johnson  
Driller's Address Joe Johnson Drig., Terry, Montana

LICENSE NO. 154

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	37	Sand
37	45	Gravel
45	72	Clay & Coal
72	74	Rock
74	105	Sandstone & Clay
105	115	Coal
115	135	Clay
135	155	Sandstone
155	175	Coal
175	210	Clay & Coal
210	230	Sand & Clay
230	233	Rock
233	280	Clay & Coal
280	460	Sand & Clay
460	560	Clay & Rock
560	620	Sandstone (15 gpm)
620	740	Clay
740	780	Sandstone (40 gpm)
780	810	Clay
810	840	Sandstone (60)
840	870	Rock

870 Show exact depth of bottom

51,948

Water Wheel Log  
John Lapp  
to  
The People

at 10:05 o'clock A.M.

Dec 4 1972

Wade in *Robert*  
Deputy

9 02

File No. ....

T 13 R 52 36

DUPLICATE

County Prairie

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

APR 13 1965

Top of Ground

(Elev. above sea level.....)

Notice of Completion of Groundwater  
Appropriation by Means of STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Owner Wm. Englebright Address Fallon MontanaDriller Harold Gavin Address Lindsay Montana

Date of Notice of Appropriation of Groundwater.....

Date well started Nov. 12-1964 Date Completed Nov. 13-1964Type of well drilled Equipment Used churn  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind and Size	From (Feet)	To (Feet)
5"	4" I. D. 11 lbs. per ft.	0	24	slots cut in casing 3" x 3" 1/16"	12	24

Static Water Level for non-flowing Well..... 12 feet.

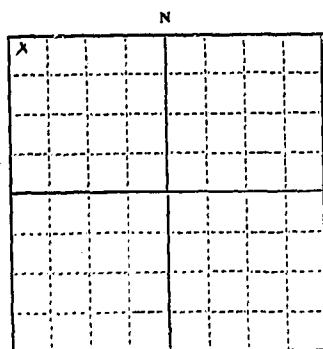
Shut-in Pressure for Flowing Well.....

Pumping Water Level..... 14 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested slush bucket Length of Test one hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....



T. 13 R. 52 Sec. 36

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number

85  
Harold Gavin  
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

39067

RECEIVED  
DEPT. OF AGRICULTURE  
BUREAU OF REVENUE  
APR 1 1968

86976

Division of Conservation of Groundwater  
Appropriation by MOUNTAIN ENGINEER  
(Under Chapter 11, Section 1001, Laws 1961)

STATE OF MONTANA  
COUNTY OF DEER  
DIVISION OF CONSERVATION OF GROUNDWATER  
APPROPRIATION BY MOUNTAIN ENGINEER  
(Under Chapter 11, Section 1001, Laws 1961)

APPROPRIATION BY MOUNTAIN ENGINEER  
(Under Chapter 11, Section 1001, Laws 1961)

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APPROPRIATION BY MOUNTAIN ENGINEER  
(Under Chapter 11, Section 1001, Laws 1961)

File No. ....

DUPLICATE

T. 13 N. R. 54 E. 36

County Prairie

F.W.  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**RECEIVED**  
DEC 30 1963

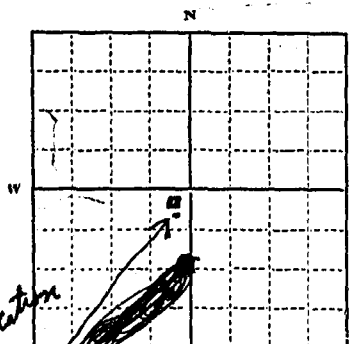
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Albert Stickel or Isidor Sackman, of Fallon  
(Name of Appropriator) (Address) (Town)

County of Prairie State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.  
Sec. 36 T. 13 R. 52

2. The beneficial use on which the claim is based is for watering cattle in the feed lot.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been about October 15, 1954. Has been in use every winter, approximately from 7 to 8 months, but flows year round.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) It flows about from between 4 or 5 gallons a minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1954
8. The depth of water table 600 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Artesian. Surface casing, 6 inches about 60 feet. The rest is 2 inch casing, about 580 feet.
10. The estimated amount of groundwater withdrawn each year Between 4 or 5 gallons per minute 365 days a year.
11. The log of formations encountered in the drilling of each well if available Don't know, Clarence Askin did the drilling but did not send us the log of information.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record So far as we know this well has never been recorded.

Signature of Owner

*Albert Stickel*  
*Isidor Sackman*

Date

*Dec. 27, 1963*

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

15602



STATE OF TEXAS,  
COUNTY OF DALLAS.

FILED  
at 2:05 o'clock P.M.  
DEC 27 1963  
E. H. [Signature]  
County Clerk  
Fee 2.00  
Deputy

File No. \_\_\_\_\_

DUPLICATE

T. 13<sup>N</sup> 5<sup>R</sup> 5<sup>E</sup>County Pringle

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

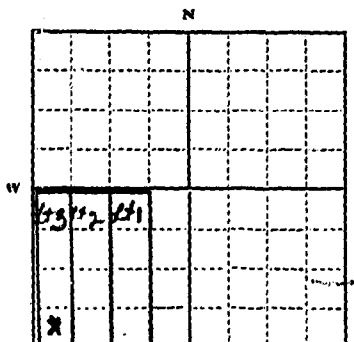
RECEIVED  
DEC 26 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Fallon Water Well Co., of Fallon  
(Name of Appropriator) (Address) (Town)  
County of Pringle State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Block 4 - Bullard's Addition to Fallon  
1/4 Sec. T.13. R.52

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based.

Household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.

Dec. 1, 1956 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute).

100 gallons minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

Artesian - self flowing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

Commenced Nov. 1956 - completed Dec. 1, 1956

8. The depth of water table.

80.6 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

Drilled, 8 1/2 inch casing - 878 ft deep

10. The estimated amount of groundwater withdrawn each year.

2,170,000 gallons

11. The log of formations encountered in the drilling of each well if available.

Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Fallon Water Well Co.  
John H. Halsey, Sec.  
Date Dec. 19, 1963 Treas.

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

12498

85404

FILED	
at 5:00	o'clock P. M.
DEC 20 1963	
<i>Alb. S. Hunter</i> County Clerk	
Fee 2.00	pd. Deputy

GV

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.

DUPLICATE

T.

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

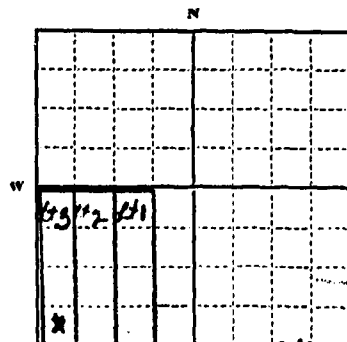
RECEIVED  
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Fallon Water Well Co., of Fallon  
(Name of Appropriator) (Address) (Town)  
County of Blaine State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Block 4 - Bullard's Addition to Fallon  
1/4 Sec. T.13. R.52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.  
Household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.  
Dec. 1, 1956 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute).  
100 gallons minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
Artesian - self flowing
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  
Commenced Nov. 1956 - completed Dec. 1, 1956
8. The depth of water table.  
80.6 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  
Drilled, 4 inch casing - 270 ft deep
10. The estimated amount of groundwater withdrawn each year.  
2,170,000 gallons
11. The log of formations encountered in the drilling of each well if available.  
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Fallon Water Well Co.  
John Palmerback Sec. Treas.  
Date Dec. 19, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

12498

File No. \_\_\_\_\_

DUPLICATE

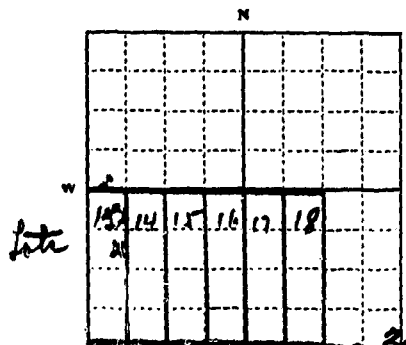
T. 12<sup>N</sup> R. 5<sup>E</sup> 34  
County. PrairieSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
DEC 18 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John Keeler, of Fallon,  
(Name of Appropriator) (Address) (Town)  
County of Prairie State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Block 9, Sec. 24  
Hanson's claim to Fossil 17 Fallon  
Lot 13, Block 9  
Indicate point of appropriation  
and place of use, if possible. Each  
square represents 10 acres.

2. The beneficial use on which the claim is based  
Household, hand irrigating, stock  
watering
3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been  
1948 - continuous use since that  
date
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute)  
15 gallons per minute
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
1/4 acre garden on lot
6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal  
Election Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater  
Commenced 1948, Completed 1948
8. The depth of water table  
18 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater  
Hand dug - 4 ft diameter - 20 feet
10. The estimated amount of groundwater withdrawn each year  
350,000 gallons
11. The log of formations encountered in the drilling of each well if available  
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record

Signature of Owner John Keeler  
Date Dec 16-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of  
Mines and Geology, and Quadruplicate to the Appropriator.

9840

85335

<b>FILED</b>	
at <u>11:20</u> o'clock <u>A.</u> M.	
<u>DEC 16 1963</u>	
<u>[Signature]</u> County Clerk	
Fee <u>2.00</u>	Deputy

File No. \_\_\_\_\_

DUPLICATE

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

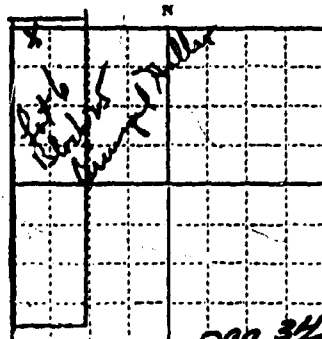
County PrarieRECEIVED  
JAN 8 1964

STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. I, Albert Stichel, of Fallston, Montana,  
(Name of Appropriator) (Town)  
County of Prarie State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based drinking  
and washing

3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been June, 1963

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 2.5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands  
which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Fall of 1963

8. The depth of water table 650 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater 2 in pipe Depth 740 ft

10. The estimated amount of groundwater withdrawn each year 350000 gal per yr.

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record none

Albert Stichel

Signature of Owner

Emil Stichel

Date

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of  
Mines and Geology, and Quadruplicate for the Appropriator.

24885

85542

<b>FILED</b>	
at 4:45 o'clock P. M.	
DEC 30 1963	
<i>[Signature]</i>	
County Clerk	
Fee 2.00	Deputy



GW 2

File No. ....

DUPLICATE

NO SECTION NUMBER

County PrairieSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

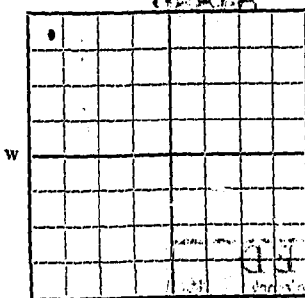
Owner Millida Knoche Address .....Driller Ira C. Bond Address Terry Montana

Date of Notice of Appropriation of Groundwater .....

Date well started 8/20/63 Date Completed 8/20/63Type of well driven Equipment Used Cable tool  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size holes	From (Feet)	To (Feet)
	4 in. 10.89lb	0	25	3/16	21 1/2	24

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well .....

Pumping Water Level 20 feet at 6 gal. per minute.

Discharge in gal. per min. of flowing well .....

How Tested with bailer Length of Test one hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.  
25 ft.Driller's License Number 37Driller's Signature Ira C. Bond

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

5920.

RECEIVED  
 DIVISION OF ENGINEERING  
 STATE ENGINEER

Application for License as a Professional Engineer  
 in the State of Texas  
 Name: [Name]  
 Address: [Address]  
 Date of Birth: [Date]  
 Date of Application: [Date]  
 Expiration Date: [Date]  
 License Fee: [Amount]  
 State Fee: [Amount]  
 Total Fee: [Amount]

I hereby certify that the above named applicant is a graduate of an accredited college or university and is qualified to practice as a Professional Engineer in the State of Texas.

Year	Month	Day	Hour	Minute	Second
1963	SEP	16	1:30	00	00

State Engineer's Office  
 Austin, Texas  
 Date: [Date]  
 Signature: [Signature]  
 Title: [Title]

84880

**FILED**  
 at 1:30 o'clock  
 SEP 16 1963  
 County Clerk  
 Fee \$2.00

[Handwritten signature]

## GROUNDWATER INDEX

Page        of       

County PRAIRIE

Twp. 13N

Rge. 53E

[illegible]

File No. \_\_\_\_\_

JUL 20 1967

T 13 R 53 7

DUPLICATE

Billings \_\_\_\_\_

McDonnell \_\_\_\_\_

County Bozeman

Butte \_\_\_\_\_

Mullan \_\_\_\_\_

STATE OF MONTANA

Coele \_\_\_\_\_

Mullan \_\_\_\_\_

ADMINISTRATOR OF GROUNDWATER CODE

Darken \_\_\_\_\_

Sullivan \_\_\_\_\_

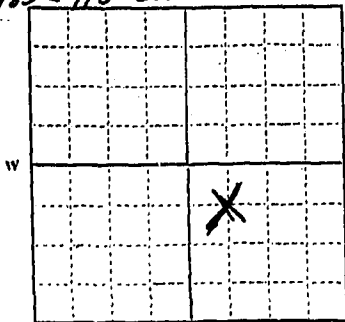
OFFICE OF STATE ENGINEER

Dickert \_\_\_\_\_

Top of Ground

(Elev. above sea level \_\_\_\_\_)

1-2 Topsoil  
 2-15 Sandy shale yellow  
 15-35 Shale gray  
 35-38 Coal  
 38-42 Coal & shale brn.  
 42-70 Shale gray  
 70-72 Rock  
 72-95 Shale gray  
 95-100 Coal & shale  
 100-140 Shale gray  
 140-155 Sand gray  
 155-158 Rock  
 158-230 Shale gray  
 230-250 Sand gray  
 250-253 Rock  
 253-270 Coal & shale  
 270-290 Shale gray  
 290-325 Coal  
 325-350 Shale  
 350-365 Sandstone & shale  
 365-372 Coal & shale  
 372-375 Rock  
 375-385 Shale brn.  
 385-388 Rock  
 388-410 Coal & shale  
 410-452 Shale gray  
 452-463 Sand  
 463-467 Rock  
 467-485 Sandy shale  
 485-493 Sand



..... 1/4 Sec. 7 T 13 R 53  
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom 1180'

493-494 Sand rock 655-666 Sand rock 715-716 Sand  
 494-535 Sandy shale 660-693 Sand 716-725 Sand  
 535-537 Rock 693-695 Rock 725-750 Shale  
 537-558 Sandy shale 695-700 Sand 750-751 Rock  
 558-560 Rock 700-705 Shale 751-760 Sand  
 560-655 Shale 705-715 Sand

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located. 760-1180 Shale sand & Rock

## Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Archie Schreiber Address Glendive, Mont.Driller Joe Johnson Address Terry, Mont.

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started 6/7/67 Date Completed 6/26/67Type of well Drilled Equipment Used Rotary  
 (dug, driven, bored or (Churn, drill, rotary or drilled) other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐  
 Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole, "	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 7/8"	6" 10 #11	0'	70'			
4 1/2"	2" 10 3.6 #11	0'	1180'	Holes 3/8"	940	1180

Static Water Level for non-flowing Well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well 3#

Pumping Water Level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per minute.

Discharge in gal. per min. of flowing well 15 gpmHow Tested Flow Length of Test 4.8 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) \_\_\_\_\_

Cemented at 500' with 20 sacks  
Cement

Driller's License Number 154Driller's Signature Joe Johnson

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.



**STATE OF MONTANA**  
**WATER RESOURCES BOARD**

HELENA, MONTANA

July 20, 1967

Mr. Archie Schrober  
C. B. Rte.  
Glendive, Montana 59330

Dear Mr. Schrober:

This is to acknowledge receipt of a well-completion form for a well in Sec. 7, Twn. 13N., Rge. 53E. in Prairie County, with a completion date of 6/26/67. We note the absence of a County Clerk and Recorder's number and notation. If the original has been recorded, would you ask the County Clerk and Recorder to forward to us the filing number and the time and date of the filing? If the form has not yet been recorded, it would be to your advantage to have it done as soon as possible.

Sincerely,

WATER RESOURCES BOARD

*A. J. Mancini*

A. J. Mancini  
Geologist

AJM/cc

WHERE WATER FLOWS — PROSPERITY GROWS



**STATE OF MONTANA**  
**WATER RESOURCES BOARD**  
HELENA, MONTANA

July 20, 1967 STATE WATER CONSERVATION BOARD

JUL 27 1967

Bill \_\_\_\_\_ McDermott \_\_\_\_\_  
C. \_\_\_\_\_ (M. J. J.) \_\_\_\_\_  
D. \_\_\_\_\_ (M. J. J.) \_\_\_\_\_  
Dickert \_\_\_\_\_ Sullivan \_\_\_\_\_

Mr. Archie Schrober  
C. B. Rte.  
Glendive, Montana 59330

Dear Mr. Schrober:

This is to acknowledge receipt of a well-completion form for a well in Sec. 7, Twn. 13N., Rge. 53E. in Prairie County, with a completion date of 6/26/67. We note the absence of a County Clerk and Recorder's number and notation. If the original has been recorded, would you ask the County Clerk and Recorder to forward to us the filing number and the time and date of the filing? If the form has not yet been recorded, it would be to your advantage to have it done as soon as possible.

Sincerely,

WATER RESOURCES BOARD

*A. J. Mancini*

A. J. Mancini  
Geologist

89046

AJM/cc

*This is our document  
number & filing date.  
Deputy Clerk-Recorder  
Glaunce C. Salenstrom*

**FILED**  
at 3:44 o'clock P.M.  
JUL 26 1967  
*Glaunce C. Salenstrom*  
County Clerk  
*[Signature]*  
Deputy  
Fee \$ 5.00

File No. \_\_\_\_\_

DUPLICATE

RECEIVED

Flaming

T. 13 N. R. 53

County PrairieSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

GBR Rt.

Owner Bert Buechler Address Glendive, MontanaDriller Ira C. Bond Address Terry, Montana

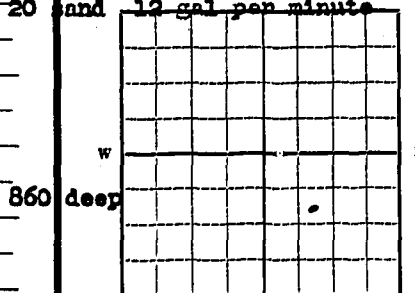
Date of Notice of Appropriation of Groundwater .....

Date well started 3/18/62 Date Completed 3/27/62Type of well drilled Equipment Used cable and rotary  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6"	steel surface	89'			
#3&7/8"	2"	black surface	860	burned holes	780	815
					840	860

10 gravel  
27 clay  
18 gravel  
2 rock  
43 gumbo  
5 coal  
7 gumbo  
3 rock  
32 gumbo  
4 coal  
3 gumbo  
8 coal  
15 gumbo  
1 rock  
6 gumbo  
4 rock  
7 gumbo  
3 rock  
4 gumbo  
1 rock  
2 gumbo  
2 rock  
34 gumbo  
25 gumbo  
9 coal  
55 gumbo  
1 rock  
182 gumbo  
38 shale  
7 sand small flow  
130 shale  
25 water sand  
62 shale  
38 sand water 7 gal per min  
25 shale  
20 sand 12 gal per minute



S.E. 1/4 Sec. 17 T. 13 R. 53

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well.....feet.

Shut-in Pressure for Flowing Well 40 #

Pumping Water Level.....feet at.....gal. per minute.

Discharge in gal. per min. of flowing well 32 galHow Tested..... Length of Test 2 days

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....

37  
Driller's License Number

Driller's Signature

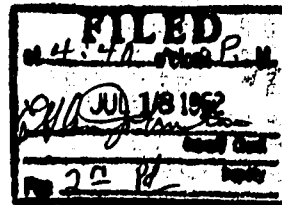
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1857

83466  
Water Mill Log  
Bert Bruecker  
to  
The Public



RECEIVED  
JUL 18 1962  
OFFICE OF THE  
DIRECTOR OF THE  
BUREAU OF LAND  
MANAGEMENT

OFFICE OF THE  
DIRECTOR OF THE  
BUREAU OF LAND  
MANAGEMENT



File No. \_\_\_\_\_

T. 13 R. 53

DUPLICATE

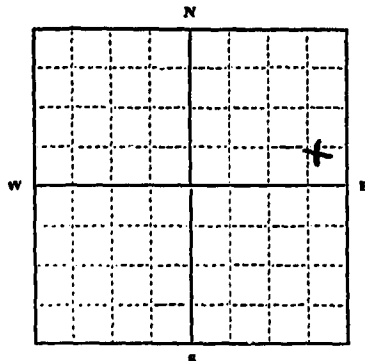
County Prarie

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

1. David G. Aub of C. D. H. Mendie  
(Name of Appropriator) (Address) (Town)  
County of Prarie State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 17 T. 13 R. 53  
Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based stock-water household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gals.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown

8. The depth of water table 400 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 840 ft. deep - 6 inch - drilled

10. The estimated amount of groundwater withdrawn each year 5,256,000 gals.

11. The log of formations encountered in the drilling of each well if available not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner David G. Aub  
Date 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24894

85551

<b>FILED</b>	
at <u>9:45</u>	o'clock <u>A.M.</u>
DEC 31 1963	
<i>William Johnston</i> County Clerk	<i>Harold A. Johnston</i> Deputy
Fee <u>0.50</u>	<u>pd.</u>

51,234

RECEIVED  
AUG 25 1972  
County TERRELL DISTRICT 100

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL  
Developed after January 1, 1962

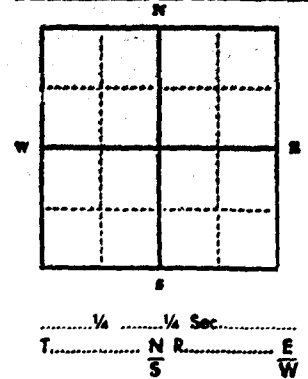
(Under Chapter 237 Montana Session Laws, 1961, as amended)  
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.  
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Tin Terry  
Address COR Glendale  
Date well started 7/12/72  
completed 7/12/72  
Type of well Drilled  
Equipment used Air Rotary  
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒  
\*Describe  
USE: If used for Irrigation, industrial, drainage or other, Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

For Administrator's Use  
File 94026  
Aug. 24, 1972 - 10:55 a.m.  
GW 1

ESTIMATED ANNUAL WITHDRAWAL

Size of Well	Size of Hole at Center	From Ground	To	PERFORATIONS	From Ground	To
7"	6" ID 18.97'	0	34	Slots 1/8" x 6"	47	51



Static water level 18 ft.  
Pumping water level 45 ft.  
at 120 gallons per minute,  
measured 2 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by R.R.  
for 2 hours.  
Power          Pump          HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Joe Leon Johnson  
Driller's Address Joe Johnson Drig. Terry, Mont.

LICENSE NO. 154

Top of Ground (Show above ten feet)

From	To	Notes
0	10	Timothy A. Johnson
10	24	Ground
24	47	Gravel
47	51	Gravel
51	54	Gravel
54	57	Gravel
57	60	Gravel
60	63	Gravel
63	66	Gravel
66	69	Gravel
69	72	Gravel
72	75	Gravel
75	78	Gravel
78	81	Gravel
81	84	Gravel
84	87	Gravel
87	90	Gravel
90	93	Gravel
93	96	Gravel
96	99	Gravel
99	102	Gravel
102	105	Gravel
105	108	Gravel
108	111	Gravel
111	114	Gravel
114	117	Gravel
117	120	Gravel
120	123	Gravel
123	126	Gravel
126	129	Gravel
129	132	Gravel
132	135	Gravel
135	138	Gravel
138	141	Gravel
141	144	Gravel
144	147	Gravel
147	150	Gravel
150	153	Gravel
153	156	Gravel
156	159	Gravel
159	162	Gravel
162	165	Gravel
165	168	Gravel
168	171	Gravel
171	174	Gravel
174	177	Gravel
177	180	Gravel
180	183	Gravel
183	186	Gravel
186	189	Gravel
189	192	Gravel
192	195	Gravel
195	198	Gravel
198	201	Gravel
201	204	Gravel
204	207	Gravel
207	210	Gravel
210	213	Gravel
213	216	Gravel
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219	222	Gravel
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225	228	Gravel
228	231	Gravel
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234	237	Gravel
237	240	Gravel
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243	246	Gravel
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249	252	Gravel
252	255	Gravel
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261	264	Gravel
264	267	Gravel
267	270	Gravel
270	273	Gravel
273	276	Gravel
276	279	Gravel
279	282	Gravel
282	285	Gravel
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312	315	Gravel
315	318	Gravel
318	321	Gravel
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441	444	Gravel
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612	615	Gravel
615	618	Gravel
618	621	Gravel
621	624	Gravel
624	627	Gravel
627	630	Gravel
630	633	Gravel
633	636	Gravel
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639	642	Gravel
642	645	Gravel
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648	651	Gravel
651	654	Gravel
654	657	Gravel
657	660	Gravel
660	663	Gravel
663	666	Gravel
666	669	Gravel
669	672	Gravel
672	675	Gravel
675	678	Gravel
678	681	Gravel
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684	687	Gravel
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696	699	Gravel
699	702	Gravel
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705	708	Gravel
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711	714	Gravel
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717	720	Gravel
720	723	Gravel
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735	738	Gravel
738	741	Gravel
741	744	Gravel
744	747	Gravel
747	750	Gravel
750	753	Gravel
753	756	Gravel
756	759	Gravel
759	762	Gravel
762	765	Gravel
765	768	Gravel
768	771	Gravel
771	774	Gravel
774	777	Gravel
777	780	Gravel
780	783	Gravel
783	786	Gravel
786	789	Gravel
789	792	Gravel
792	795	Gravel
795	798	Gravel
798	801	Gravel
801	804	Gravel
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807	810	Gravel
810	813	Gravel
813	816	Gravel
816	819	Gravel
819	822	Gravel
822	825	Gravel
825	828	Gravel
828	831	Gravel
831	834	Gravel
834	837	Gravel
837	840	Gravel
840	843	Gravel
843	846	Gravel
846	849	Gravel
849	852	Gravel
852	855	Gravel
855	858	Gravel
858	861	Gravel
861	864	Gravel
864	867	Gravel
867	870	Gravel
870	873	Gravel
873	876	Gravel
876	879	Gravel
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891	894	Gravel
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915	918	Gravel
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924	927	Gravel
927	930	Gravel
930	933	Gravel
933	936	Gravel
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939	942	Gravel
942	945	Gravel
945	948	Gravel
948	951	Gravel
951	954	Gravel
954	957	Gravel
957	960	Gravel
960	963	Gravel
963	966	Gravel
966	969	Gravel
969	972	Gravel
972	975	Gravel
975	978	Gravel
978	981	Gravel
981	984	Gravel
984	987	Gravel
987	990	Gravel
990	993	Gravel
993	996	Gravel
996	999	Gravel

54 Show exact depth of bottom

1-F.  
1-t.  
51,234

States Hill Dig  
 From Mass  
 to  
 The Publisher

at 10:55 o'clock 7 M

John D. [Signature]  
County Clerk  
Deputy  
Eng 40

Equipment used ..... (Crown drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation, ☐

Industrial ☐ Drainage ☐ Other ☐ \* Garden/Lawn ☐

\* Describe ..... Explain, .....  
USE: If used for irrigation, industrial, drainage or other data (i.e. 1-ol, Block  
size, number of acres and location or other data (i.e. 1-ol, Block  
and Addition), .....)

(Church drill, rotary or other)

Equipment used ..... (Check all that apply)  
 Domestic ☒ Municipal ☐ Stock ☐ Irrigation. ☐  
 Water Use: Domestic ☐ Other ☒ Garden/Lawn ☐

Use: Domestic ☐ Garden/Lawn ☐  
Industrial ☐ Drainage ☐ Other ☐ \*

	*Describe .....	Explain, industrial, drainage or other. other data (i.e. lot, Block information.
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100		

**USE:** It used for Irrigation, state number of acres and location of other .....

and Addition). .....

ESTIMATED ANNUAL WITHDRAWAL	EST

## PERFORATIONS

Size of Dial	Size and Weight	From (Feet)
-----------------	--------------------	----------------

Kind	From (Fwd)	To (Fwd)
------	------------	----------

Revised 1969  
PUBLISHING COMPANY

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Jim Hess  
Address 332 Clondive  
Date well started 7/12/72  
completed 7/12/72

For Administrator's Use  
File 94626  
Aug 24, 1972 - 10:55 a.m.  
GW 1

Type of well Drilled  
(Dug, driven, bored or drilled)

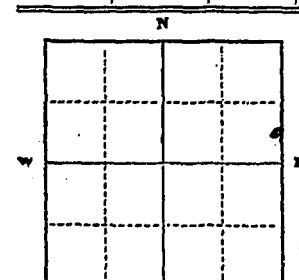
Equipment used Air Rotary  
(Chain drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" 13.07#	0	54	Slot 1/2" 6"	47	51



Static water level 19 ft.\*  
Pumping water level 43 ft.\*  
at 1.5 gallons per minute,  
measured 1.5 minutes after pumping began.  
\*Measured from ground level.  
Well developed by 1.5 hours.  
Power 4 Pump 1.5 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

S.E. 1/4 NE 1/4 Sec. 17  
T. 12 N. R. 53 E.  
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature John J. Johnson  
Driller's Address 332 Clondive

LICENSE NO. 154

RECEIVED

County Prarie

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	10
10	20
20	30
30	40
40	50
50	60
60	70
70	80
80	90
90	100
100	110
110	120
120	130
130	140
140	150
150	160
160	170
170	180
180	190
190	200
200	210
210	220
220	230
230	240
240	250
250	260
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770	780
780	790
790	800
800	810
810	820
820	830
830	840
840	850
850	860
860	870
870	880
880	890
890	900
900	910
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920	930
930	940
940	950
950	960
960	970
970	980
980	990
990	1000

54 Show exact depth of bottom

1-F.

51.234

NOV 26 1972

ed 1969  
NY  
MONTANA DEPARTMENT OF NATURAL  
STATE OF MONTANA

RECEIVED

AUG 25 1971

DEPARTMENT OF  
ATER

178 Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

**Developed after January 1, 1962**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

**For Administrator's Use**

File 94026

GW 1

\_\_\_\_\_

(Dug, driven, bored or drilled)

(Churn drill, rotary or other)

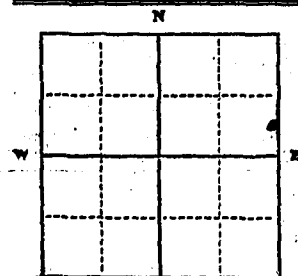
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

### Describe

**USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

### ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	5"17 18.07#	0	54	Slots 1/8" x 6"	47	51



Static water level 19 ft.\*  
Pumping water level 45 ft.\*  
at 1.9 gallons per minute,  
measured 1.6 minutes after pumping  
began.

\*Measured from ground level.

Well developed by .....

for .....<sup>2</sup>.....hours.

Power..... Pump..... HF.....

Remarks: (Gravel packing, cementing,  
packers, type of shutoff) .....

SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 17

T...1.7... N R...5.3... E  
S W

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.  
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature

**Driller's Address**

LICENSE NO. 154

**Top of Ground**

(Elev. above sea level)

[illegible]

54

**Show exact depth of bottom**

LF.

51-234

File No. \_\_\_\_\_

T. 13 R. 53

DUPLICATE

County Praine

**STATE OF MONTANA**  
**ADMINISTRATOR OF GROUNDWATER CODE**  
**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

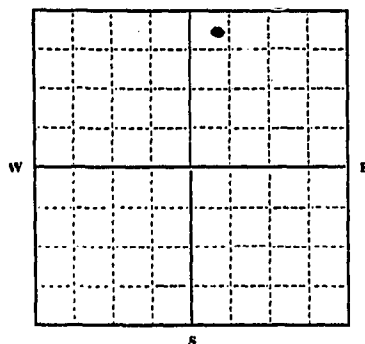
(Under Chapter 237, Montana Session Laws, 1961)

**RECEIVED**  
 JAN 6 1964

**STATE ENGINEER**

1. David Gault of C. B. R. Blundine  
 (Name of Appropriator) (Address) (Town)

County of Praine State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 1/4 Sec. 18 T. 13 R. 53

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gals.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Pressure pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown

8. The depth of water table 50 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled 62 ft. - 6 in. casing

10. The estimated amount of groundwater withdrawn each year 438,000 gals.

11. The log of formations encountered in the drilling of each well if available  
not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner David Gault

Date 12-31-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24895



ARMED AND DANGEROUS

(10/17)

85552

FILED

at 9:45 o'clock A.M.

DEC 3 1 1963

County Clerk

Deputy

Fee

2.00

File No. \_\_\_\_\_

T. \_\_\_\_\_

DUPLICATE

LOG

County Beauregard

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

0 - 3 Topsoil  
3 - 8 Gray gumbo  
8 - 20 Yellow sand  
20 - 65 Quick sand  
65 - 68 Gray shale  
68 - 72 Coal  
72 - 103 Gray shale  
103 - 118 Coal & blk. shale  
118 - 126 Coal  
126 - 153 Blu shale  
153 - 156 Rock  
156 - 170 Blu shale  
170 - 178 Coal & blk. shale  
178 - 220 Gray shale  
220 - 240 Coal & blk. shale  
240 - 245 Brn. shale  
245 - 247 Rock  
247 - 255 Blu shale  
255 - 256 Rock  
256 - 275 Blu shale  
275 - 276 Rock  
276 - 295 Blu shale  
295 - 305 Coal & blk. shale  
305 - 310 Gray shale  
310 - 311 Rock  
311 - 330 Blu shale  
330 - 340 Gray sand stone  
340 - 342 Rock  
342 - 350 Gray sandstone  
350 - 360 Coal & blk. shale  
360 - 365 Gray shale  
365 - 395 Gray sandy shale  
395 - 401 Gray sandstone  
401 - 402 Rock  
402 - 425 Gray shale  
425 - 432 Rock  
432 - 440 Gray shale  
440 - 455 Gray sandstone  
455 - 500 Gray sandy shale  
500 - 502 Rock  
502 - 525 Sandstone & shale  
525 - 535 Gray sandy shale  
535 - 575 Coal & blk shale  
575 - 577 Rock  
577 - 630 Sandy shale  
630 - 631 Rock  
631 - 660 Sand  
660 - 665 Gray shale  
665 - 667 Rock  
667 - 725 Gray shale  
725 - 780 Coarse sand  
780 - 788 Rock  
788 - 825 Gray sandy shale  
825 - 840 Gray shale  
840 - 892 Gray sandstone

Notice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

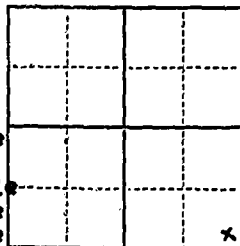
Owner Al Hess Address CBR, GlendiveDriller Joe Johnson Drig. Address Terry

Date of Notice of appropriation of groundwater.....

Date well started 4/19/68 Date completed 4/30/68Type of well Drilled Equipment used Rotary  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	5 1/2 OD 10 #/ft.	0	67	NONE		
4 1/2"	2" ID 3.7 #/ft.	0	892	Holes 3/8"	330 730 832	400 790 892



Static Water Level for non-flowing well.....feet.

Shut-in Pressure for Flowing Well.....30#

Pumping Water Level.....feet

at.....gal. per minute.

Discharge in gal. per min. of flowing well.....30

How Tested.....Open flow

Length of Test.....42 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff).....Cement set at 200'

SE 1/4 Sec. 19 T. 13 R. 53  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.  
892

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

44,155

... ..

FILED  
at 9:00 o'clock A.M.  
MAY 22 1968  
E. L. Hunter  
County Clerk  
J. J. [illegible]  
F. [illegible]

File No. ....

MONTANA WATER RESOURCES BOARD

T 1 N R

TRIPLICATE

RECEIVED

County Prarie

AUG 28 1967

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0'-36' Gravel  
36'-56' Shale  
56'-70' Sandstone  
70'-77' Shale  
77'-95' Coal  
95'-200' Shale  
200'-204' Coal  
204'-250' Shale  
250'-355' Sand  
355'-400' Shale  
400'-450' Sh. Sh. Shale  
450'-453' Rock  
453'-570' Shale/coal  
570'-590' Sandstone  
590'-630' Gray shale  
630'-650' Sandstone  
650'-750' Shale  
750'-759' Rock  
759'-760' Shale  
760'-763' Rock  
763'-800' Shale  
800'-880' Sandstone

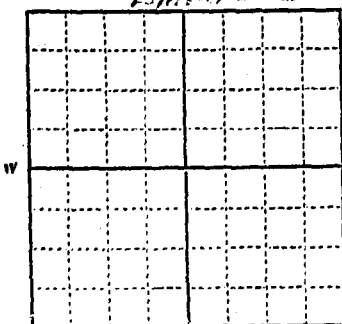
Owner Harold Lopp Address C.B.R., Glendive, Mont.Driller Joe Johnson Delg. Address Terry, Mont.

Date of Notice of Appropriation of Groundwater .....

Date well started 7/10/67 Date Completed 7/14/67Type of well Drilled Equipment Used Rotary  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☒

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PENETRATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/4"	5 1/2" O.D. 10 # 11/16"	0'	36'	N	0'	N
4 1/2"	2" I.D. 3.7 # 1/4"	0'	882'	H.K.S. 3/8"	756	882

1/4 Sec. 17 T13N R. 53E

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

882

Static Water Level for non-flowing Well .....feet.

Shut-in Pressure for Flowing Well 30 feet.

Pumping Water Level .....feet at .....gal. per minute.

Discharge in gal. per min. of flowing well 30 g.p.m.How Tested Flow Length of Test 24 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) .....

Driller's License Number 154

Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

42,238

File No. \_\_\_\_\_  
TRIPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

AUG 28 1967

T13N R 53E  
County PrairieSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground \_\_\_\_\_

(Elev. above sea level) \_\_\_\_\_

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0'-36' Gravel  
36'-56' Shale  
56'-70' Sandstone  
70'-77' Shale  
77'-85' Coal  
85'-900' Shale  
900'-904' Coal  
904'-350' Shale  
350'-355' Sand  
355'-400' Shale  
400'-450' Shale  
450'-453' Rock  
453'-570' Shale/coal  
570'-570' Sandstone  
570'-630' Gray shale  
630'-650' Sandstone  
650'-750' Shale  
750'-759' Rock  
759'-760' Shale  
760'-765' Rock  
765'-800' Shale  
800'-820' Sandstone  
820'-820' Sandstone

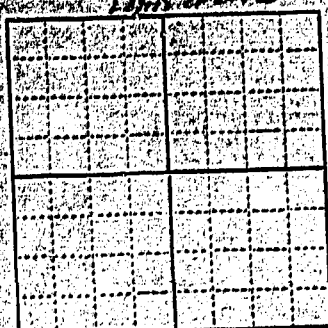
Owner Harold Lopp Address C.R. Shuman AveDriller Jac. Johnson Address Town of...

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started 7/10/67 Date Completed 7/14/67Type of well Drilled Equipment Used Rotary  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	From (Feet)	To (Feet)	From (Feet)	To (Feet)
6 1/2"	5 1/2" OD 10 #4	0'	36'				
4 1/2"	2" 5.0 3 1/2" #4	0'	862'				



1/4 Sec. 19 T13N R53E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well \_\_\_\_\_

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per minute

Discharge in gal. per min. of flowing well 30 gpmHow Tested Flow Length of Test 24 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information including number of acres irrigated, if used for irrigation)

Control at 2500 ft.Driller's License Number 154Driller's Signature Jac. Johnson

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

42,238

89109

<b>FILED</b>
at 2:10 o'clock P.M.
AUG 25 1967
<i>E. Allen Johnston</i> County Clerk
<i>J. L. [unclear]</i> Deputy
Fee \$2.00

File No. \_\_\_\_\_

T. 13 N. R. 63 E. 19

DUPLICATE

County  Prairie 

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

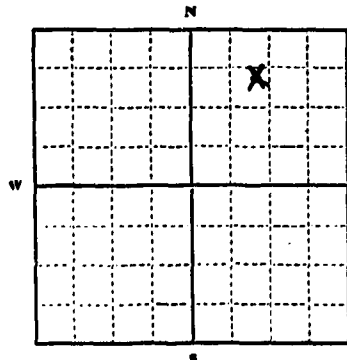
RECEIVED  
JAN 8 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold Lapp, of C. L. H. Shindler  
(Name of Appropriator) (Address) (Town)

County of Prairie State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



7/4 Sec. 19 T. 13 N. R. 63 E.

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Shindler
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940 - Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gals.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Shindler pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown
8. The depth of water table 50 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled - Hand casing - 80 feet deep.
10. The estimated amount of groundwater withdrawn each year 91,250 gallons
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None.

Signature of Owner Harold Lapp  
Date Dec. 30 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24878

85535

<b>FILED</b>	
at <u>4:45</u> o'clock <u>P.</u> M.	
DEC 30 1963	
<i>[Signature]</i>	
County Clerk	
Fee <u>200.00</u>	Deputy



81939

T. 13 R. 53 20

County PrairieMONTANA BUREAU OF MINES AND GEOLOGY  
Butte, MontanaRECEIVED  
MAR 20 1961

## WATER WELL LOG

STATE ENGINEER


Owner Elhardt Brothers Address Fallston, Mont  
 Driller Henry I. Johnson Address Terry, Mont  
 Date Started Mar. 1, 1960 Date Completed Mar. 21, 1960  
 Location: Sec. 20 T. 13 R. 53 1/4 sec. NW 1/4 NE 1/4

Type of well Drilled Equipment used Rotary  
 (Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
 Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 0 ft. to 52 ft. Type API Size 7 00

Casing: 0 ft. to 780 ft. Type Std. Pipe Size 2"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 140 to ft. 580 Ft. 640 to ft. 660  
740 780

Type of screen or perforations Holes

Static Water level, for non-flowing well: Flow feet.

Shut-in pressure, for flowing well: 14 lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level \_\_\_\_\_ feet at 35 gal. per min.

How tested: Flow

Length of test \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Packed at 140 ft. 5 sds Cement

(over)

## Log of Well

[illegible]

GW

Approved Stock Form—State Publishing Co., Helena, Montana—3867

File No. \_\_\_\_\_

T. 13 R. 53

DUPLICATE

County Prairi

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

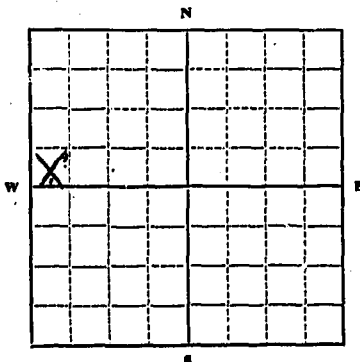
RECEIVED  
DEC 9 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Richard F. Waldo of C. B. R. Skindine  
(Name of Appropriator) (Address) (Town)  
County of Prairi State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec. 20, T. 13, R. 53

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock water  
Household water & irrig.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well no. 1-1949  
continuous - well no. 2-1951

4. The amount of groundwater claimed (in miner's inches or gallons per minute) not state

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal See 1963-64

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

1 1/2 in. well pipe - 60 feet in depth

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available

Clay & gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Richard F. Waldo

Dated Dec 6-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

1092

85261

<b>FILED</b>	
at <i>Five</i>	o'clock <i>P.</i> M.
DEC - 6 1963	
<i>William J. Johnston</i>	County Clerk
<i>Thomas C. Johnston</i>	Deputy
Fee <i>2.00</i>	<i>pd</i>

32000

T. \_\_\_\_\_ R. 24County PrairieMONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

## WATER WELL LOG

STATE ENGINEER


Owner Harold Lapp Address Fallon, Mont.Driller Henry I Johnson Address Terry, MontDate Started Mar. 3, 1961 Date Completed Mar. 11, 1961Location: Sec. 24 T. 13 R. 53  $\frac{1}{4}$  sec. SE  $\frac{1}{4}$  SE  $\frac{1}{4}$ Type of well Drilled Equipment used Rotary  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐Industrial ☐ Drainage ☐ Other: \_\_\_\_\_Casing: 0 ft. to 835 ft. Type Std Size 2"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 620 to ft. 660 Ft. 730 to ft. 830Type of screen or perforations Holes

Static Water level, for non-flowing well: \_\_\_\_\_ feet.

Shut-in pressure, for flowing well: 30 lb./sq. in. on: 3/20/61  
(date)Pumping water level Flow feet at 30 gal. per min.How tested: Flow

Length of test: \_\_\_\_\_

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Packer set 195 4 sbs cement Placed

(over)

## Log of Well

[illegible]

File No. \_\_\_\_\_

DUPLICATE

T. 13N R. 53E

County. Prairie

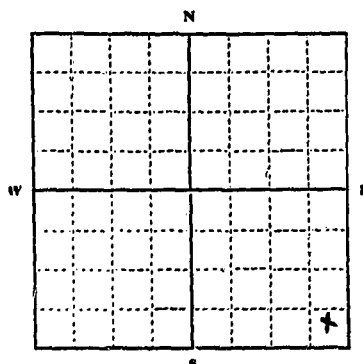
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Herbert W. Reuther, of Fallon  
(Name of Appropriator) (Address) (Town)  
County of Braintree State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 25 T. 13 N. 3

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household & Stock Watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 - Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof \_\_\_\_\_
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced: Completed 1946
8. The depth of water table 205 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled - 5 inch casing - 230 feet
10. The estimated amount of groundwater withdrawn each year 756,000 gallons
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Herbert Reuther

Date Dec. 31-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

24910

RECEIVED

85569

<b>FILED</b>	
at <u>2:30</u> o'clock <u>P</u> .M.	
DEC 31 1963	
<i>[Signature]</i>	County Clerk
<i>[Signature]</i>	Deputy
Fee <u>0.25</u>	



File No. ....

T. 13 N. R. 53 E.

DUPLICATE

County Praine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

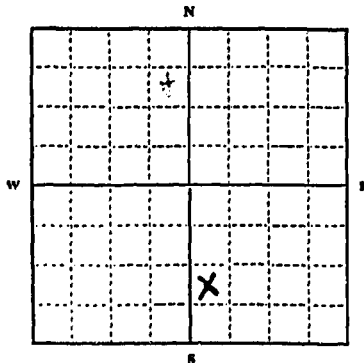
RECEIVED  
DEC 18 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Bill Haidle, of Fallon,  
(Name of Appropriator) (Address) (Town)  
County of Praine State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 26 T. 13 N. R. 53 E.

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 10 acres.

2. The beneficial use on which the claim is based. ....

Stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. ....

1914 - continuous use since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute). ....

1 gal minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. ....

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. ....

Self flowing spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. ....

Commenced 1914 - completed 1914 - piped to tank

8. The depth of water table. ....

Free flowing spring

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. ....

10. The estimated amount of groundwater withdrawn each year. ....

525,600 gallons

11. The log of formations encountered in the drilling of each well if available. ....

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. ....

Signature of Owner Bill HaidleDate December 16 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of  
Mines and Geology, and Quadruplicate for the Appropriator.

85341

<b>FILED</b>	
at <u>4:30</u> o'clock <u>P.</u> M.	
DEC 16 1963	
<i>E. H. H.</i>	
County Clerk	
Fee <u>2.00</u>	Deputy

File No. \_\_\_\_\_

DUPLICATE

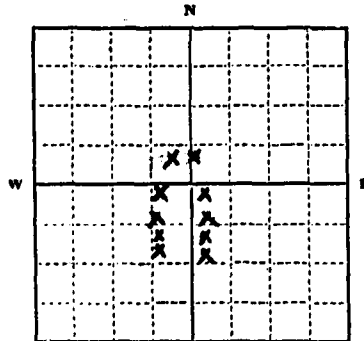
T. 13 N. R. 53 E. 16  
County PrairieSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
JAN 6 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Janet M. Williams, of Terry  
(Name of Appropriator) (Address) (Town)  
County of Prairie State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 26 T. 13 R. 53

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based  
Household - Stock Water - Irrigation3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1905 - Continuous4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
10 Springs - 50 gallons minute5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Irrigate Garden in N. Section 266. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Self-flowing Springs7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Commenced & completed about 19058. The depth of water table  
Not known9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
Self-flowing Springs10. The estimated amount of groundwater withdrawn each year  
2,628,000 gallons11. The log of formations encountered in the drilling of each well if available  
Not available12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
None

Signature of Owner

Date Jan. 31 - 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24912

Q  
833101

85571  
85571

FILED  
at 2:30 o'clock P.M.  
DEC 31 1963  
*L. H. [Signature]*  
County Clerk  
*F. [Signature]*  
Deputy  
Fee \$2.00